



# FEMA



Prepared by  
*Todd Beal*

# FEMA Region 6 Weather Threat Briefing

Sunday, March 10, 2019

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

# Summary of the Upcoming Week



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## Today

- No significant weather impacts.

## Monday

- Marginal risk of severe storms Monday night over **SE NM** and **W TX**.

## Tuesday - Wednesday

- Severe storms possible across parts of **SE NM** into parts of **TX/OK** Tuesday/Tuesday night shifting into **E TX/E OK** and **LA/AR** on Wednesday.
- Isolated heavy rain/flash flooding possible Tuesday into early Wednesday across parts of **OK/TX** shifting into **LA/AR** Wednesday afternoon/evening.

## Thursday

- No significant weather impacts.

## River Flooding

- Moderate to Major flooding will continue this week and into next week on the Mississippi River at many locations in **E AR/E LA**.
- The **MS** Flooding is slightly higher than 2016 & 1997.
- Rainfall over the next 5 days may cause new minor river flooding across portions of **N** and **E TX** this week.

# FEMA Region 6 Threat Matrix

Mar 10, 2019 – Mar 14, 2019



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DAY / THREAT	SUN	MON	TUE	WED	THU
Severe Storms		SE NM/W TX	SE NM/ West/Central TX	LA/AR/OK Central & E TX	
			E NM/SW OK TX & OK Panhandles		
Heavy Rain / Flash Flooding			W OK/Western N TX	LA/AR N & ETX/E OK	
			TX & OK Panhandles W/Central TX		
Winter Weather					
Fire Weather					
River Flooding	E AR/E LA	E AR/E LA	E AR/E LA	E AR/E LA	E AR/E LA
			N & ETX	N & ETX	N & ETX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

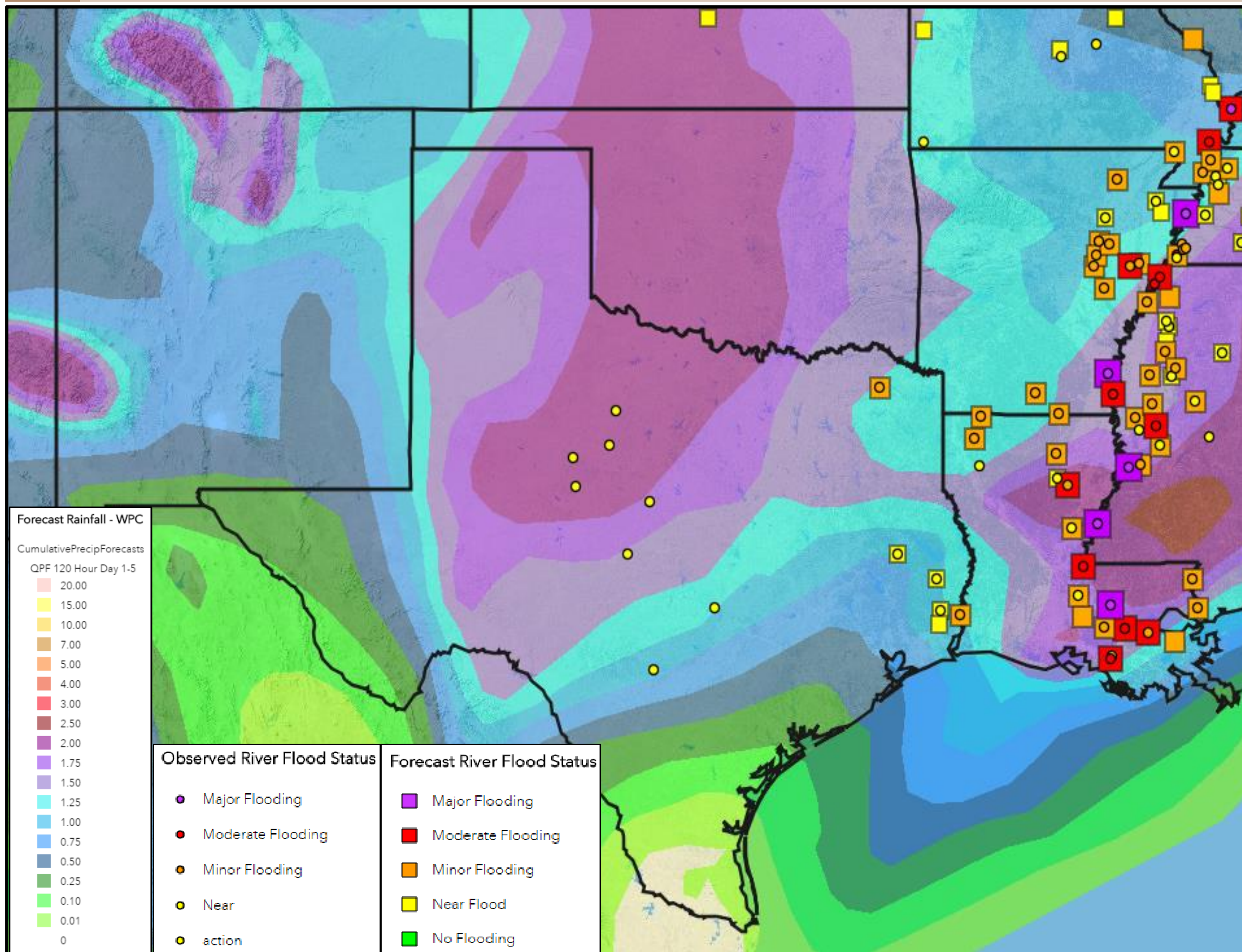


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Moderate to Major flooding will continue this week on the Mississippi River at many locations in E AR/E LA. The MS Flooding is slightly higher than 2016 & 1997. Rainfall the next 5 days may cause new minor river flooding across portions of N and E TX this week.**

## Arkansas

- **All rivers have crested except the MS River.**
- **Mississippi River at Osceola, Tunica Riverpark, and near Arkansas City remain at major flood, but have all crested.**
- **Mississippi River near Greenville, MS is in moderate and is currently cresting right at the threshold for major flood stage.**

## Louisiana

- **MS River at Baton Rouge is at Major flood and rising. Shipping and industrial activities are significantly affected. The city of Baton Rouge is protected by levees at the currently forecast levels.**
- **MS River at Vicksburg and Natchez are at major flood stage with homes and roads impacted.**

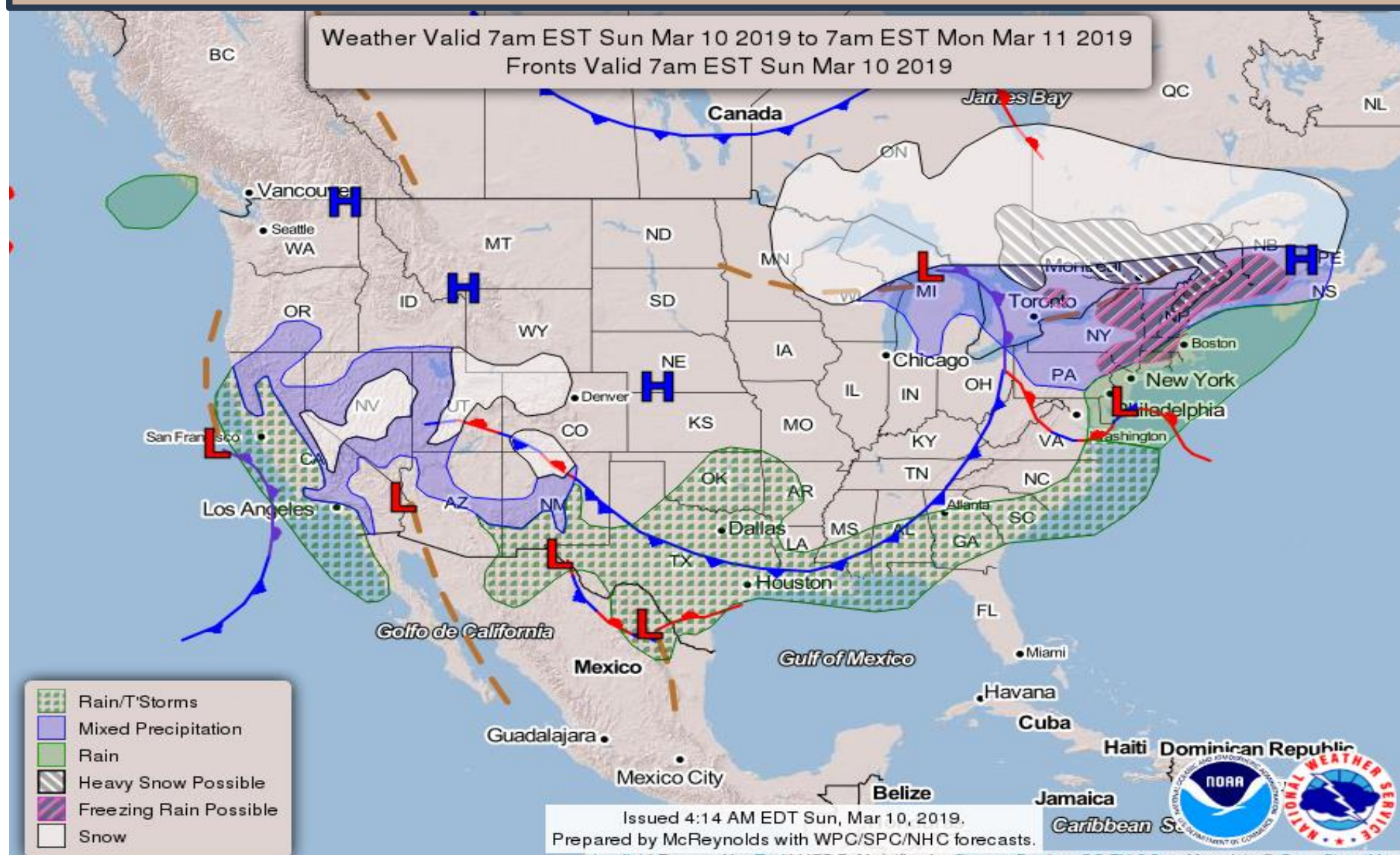


# Today's Weather

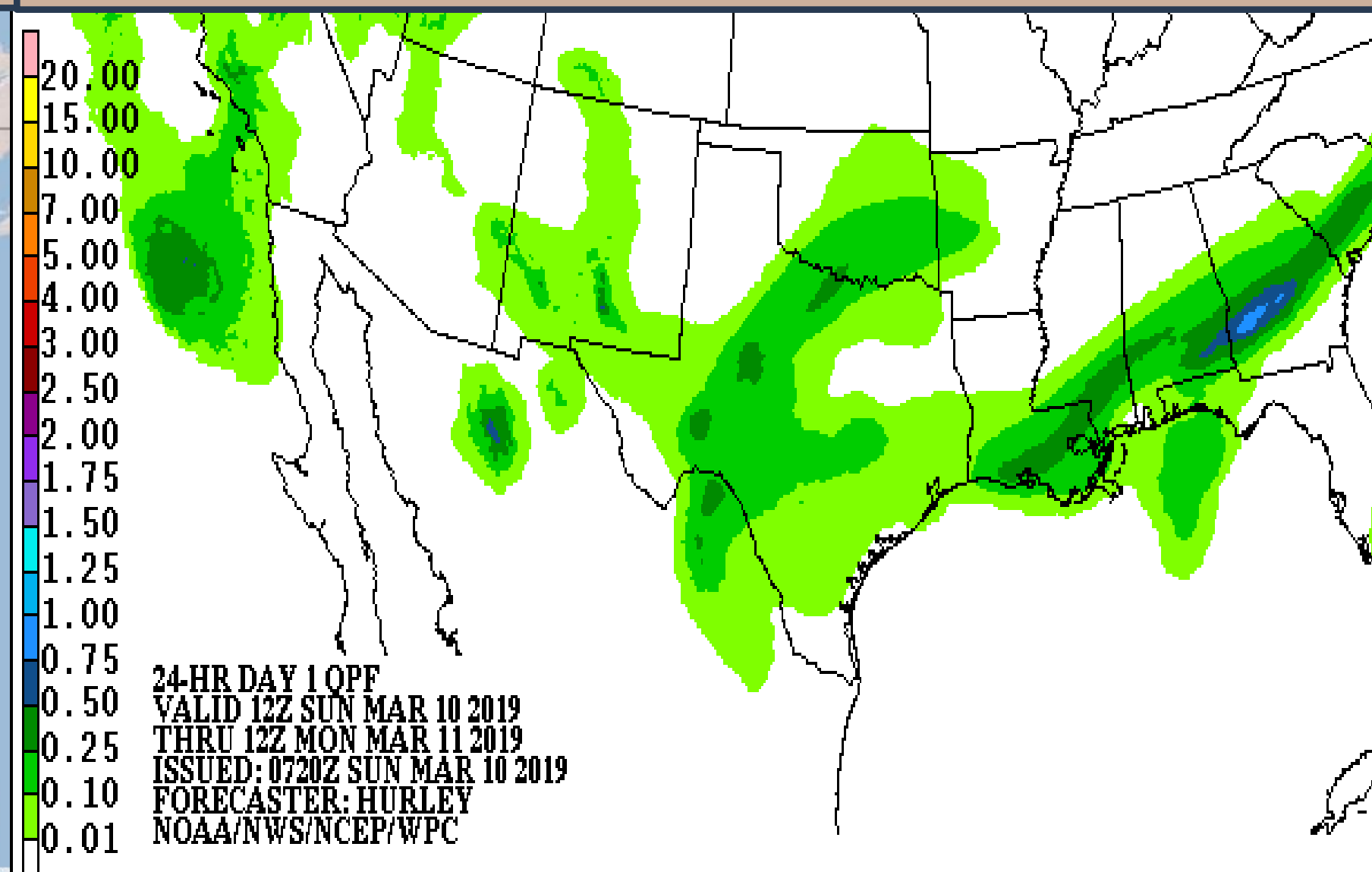


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## Forecast Chart

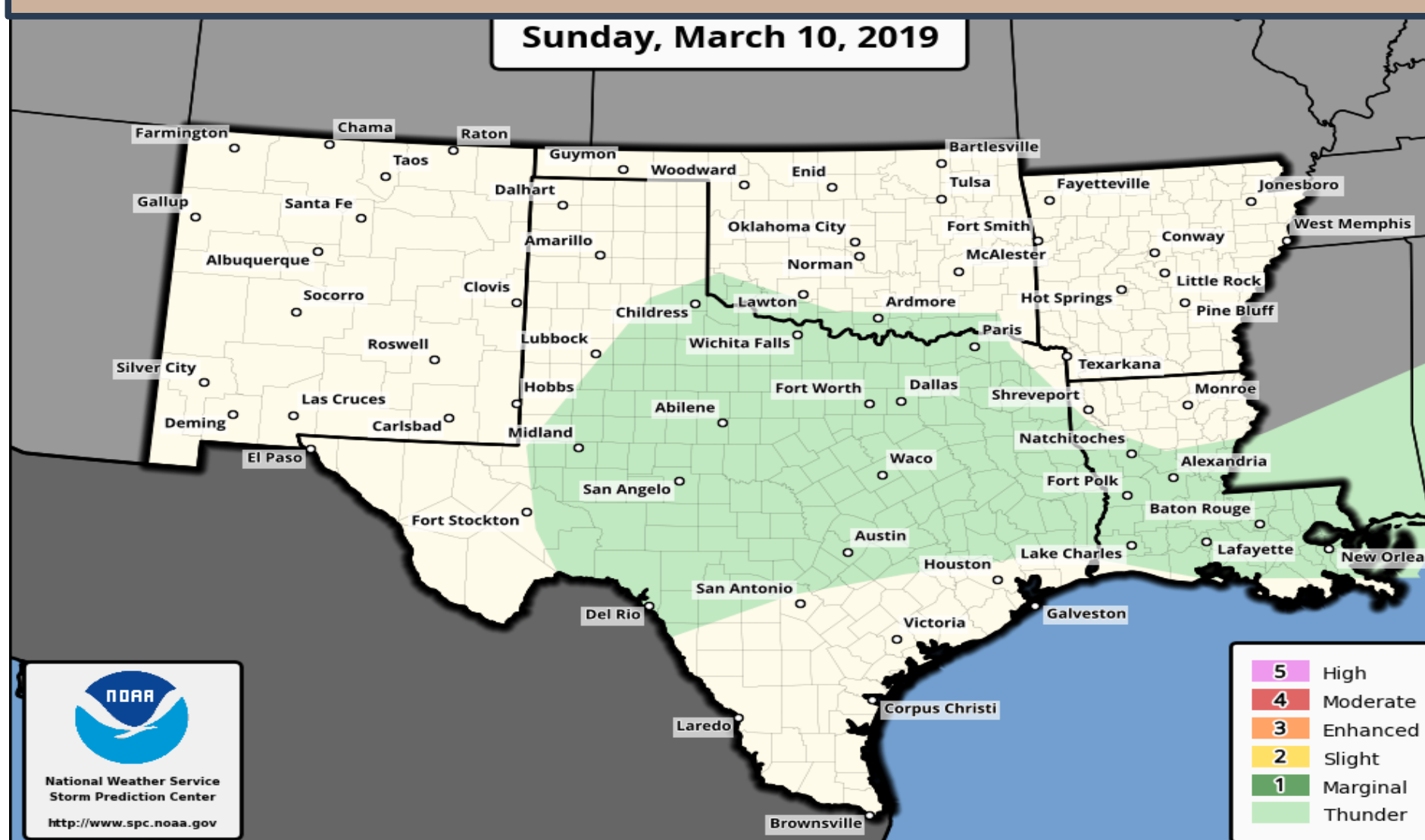


## Forecast Rainfall

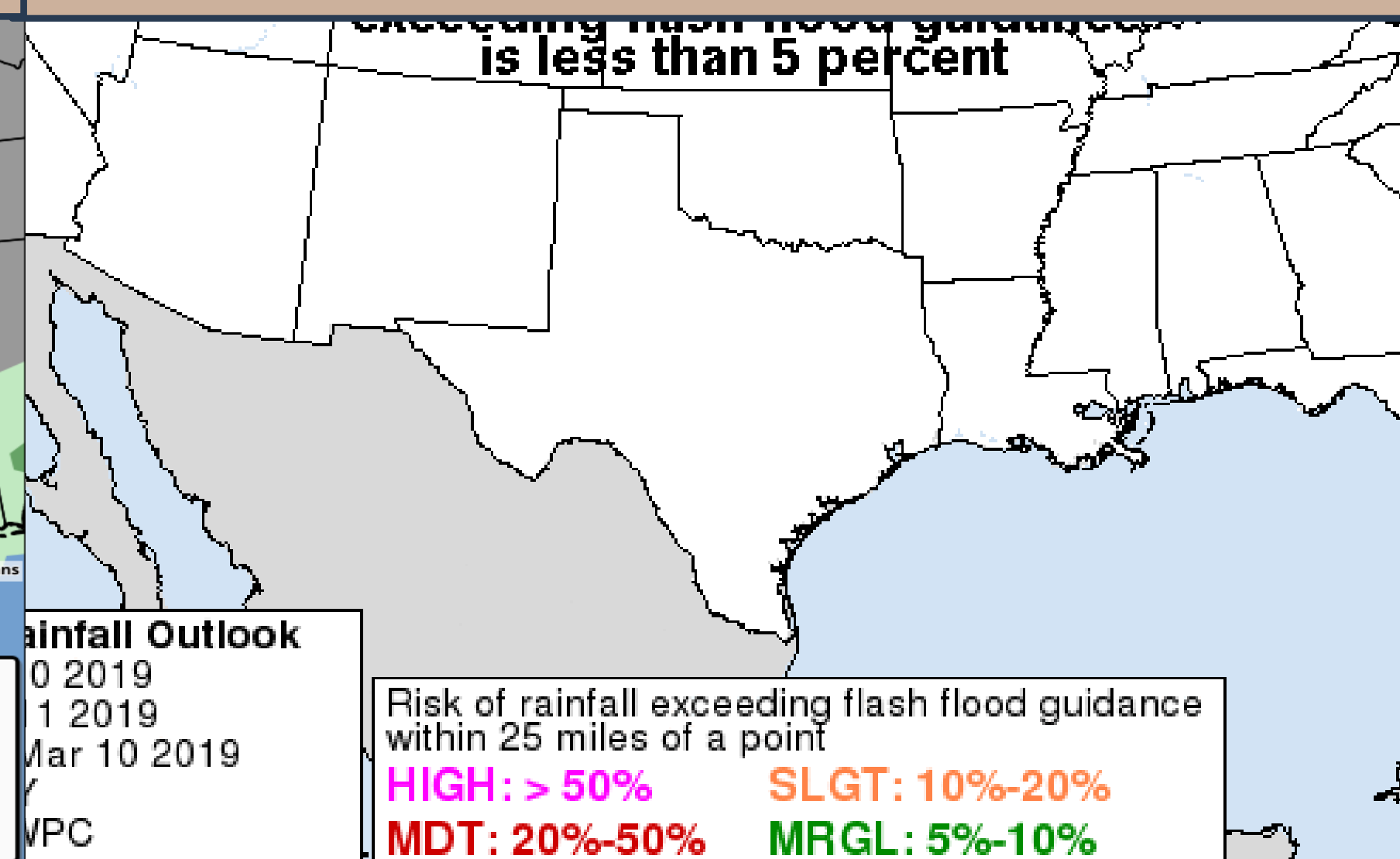


**No significant weather  
impacts expected**

## Severe Weather Outlook



## Excessive Rainfall Outlook





# Tomorrow's Weather

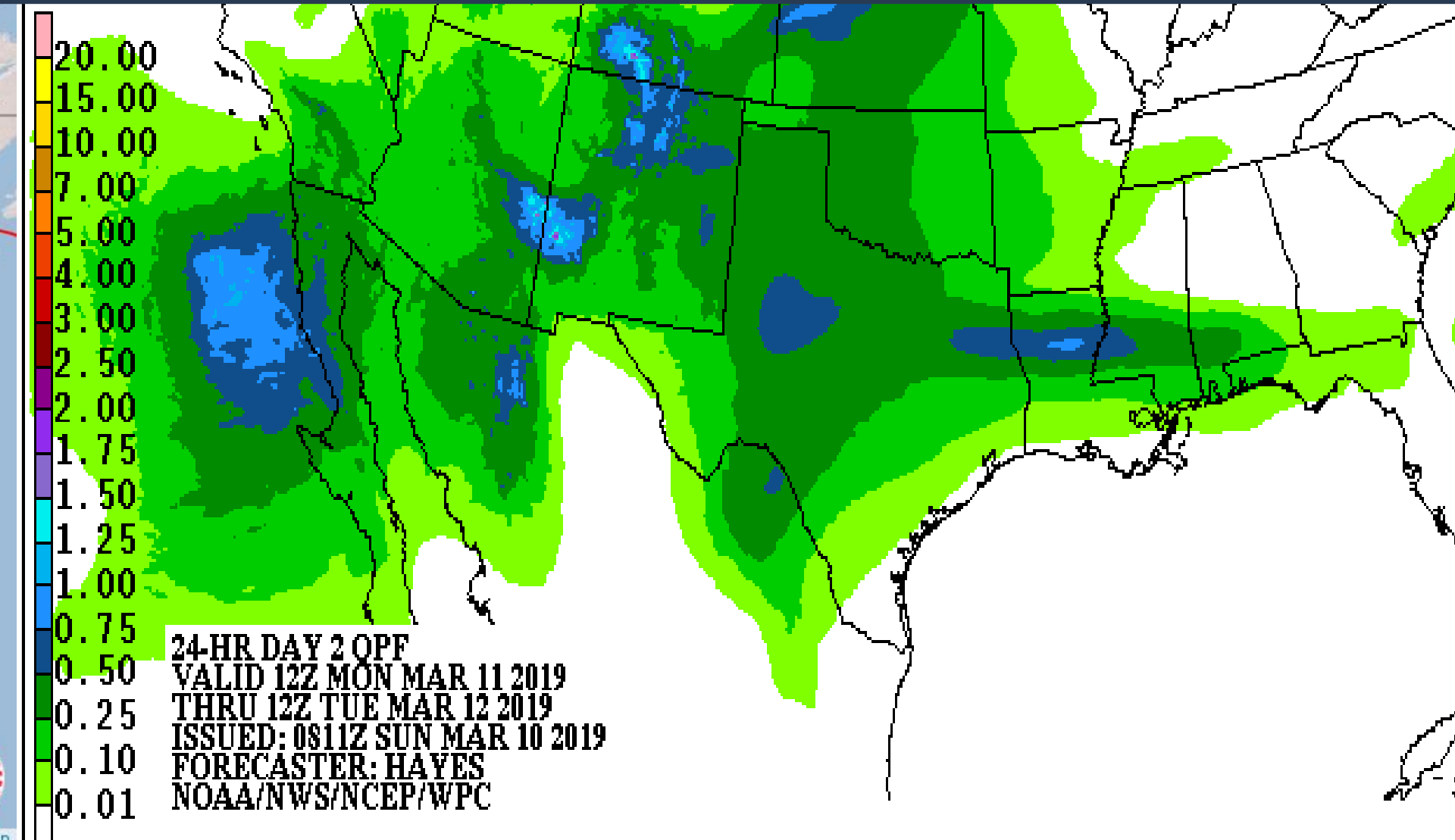
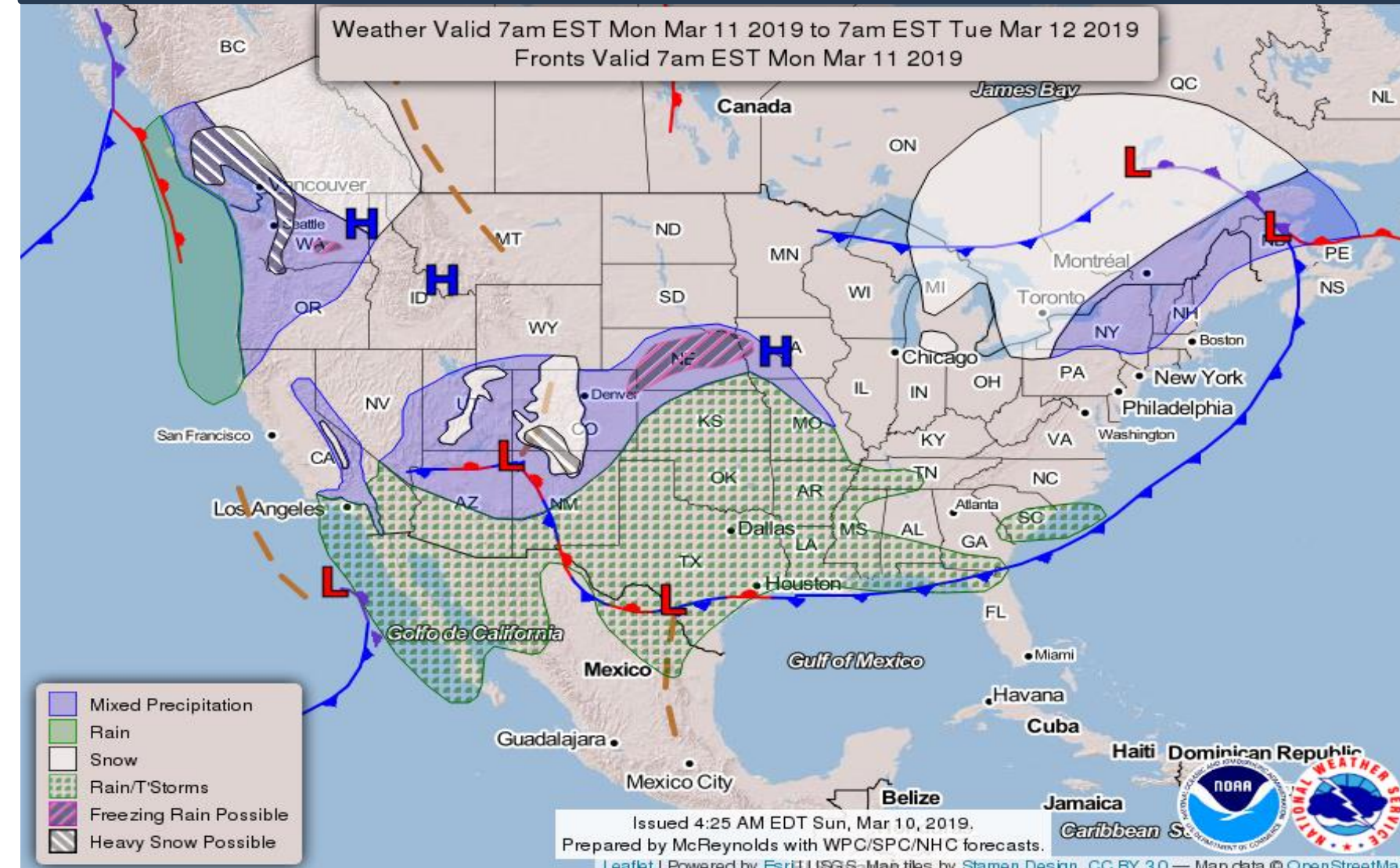


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## Forecast Chart

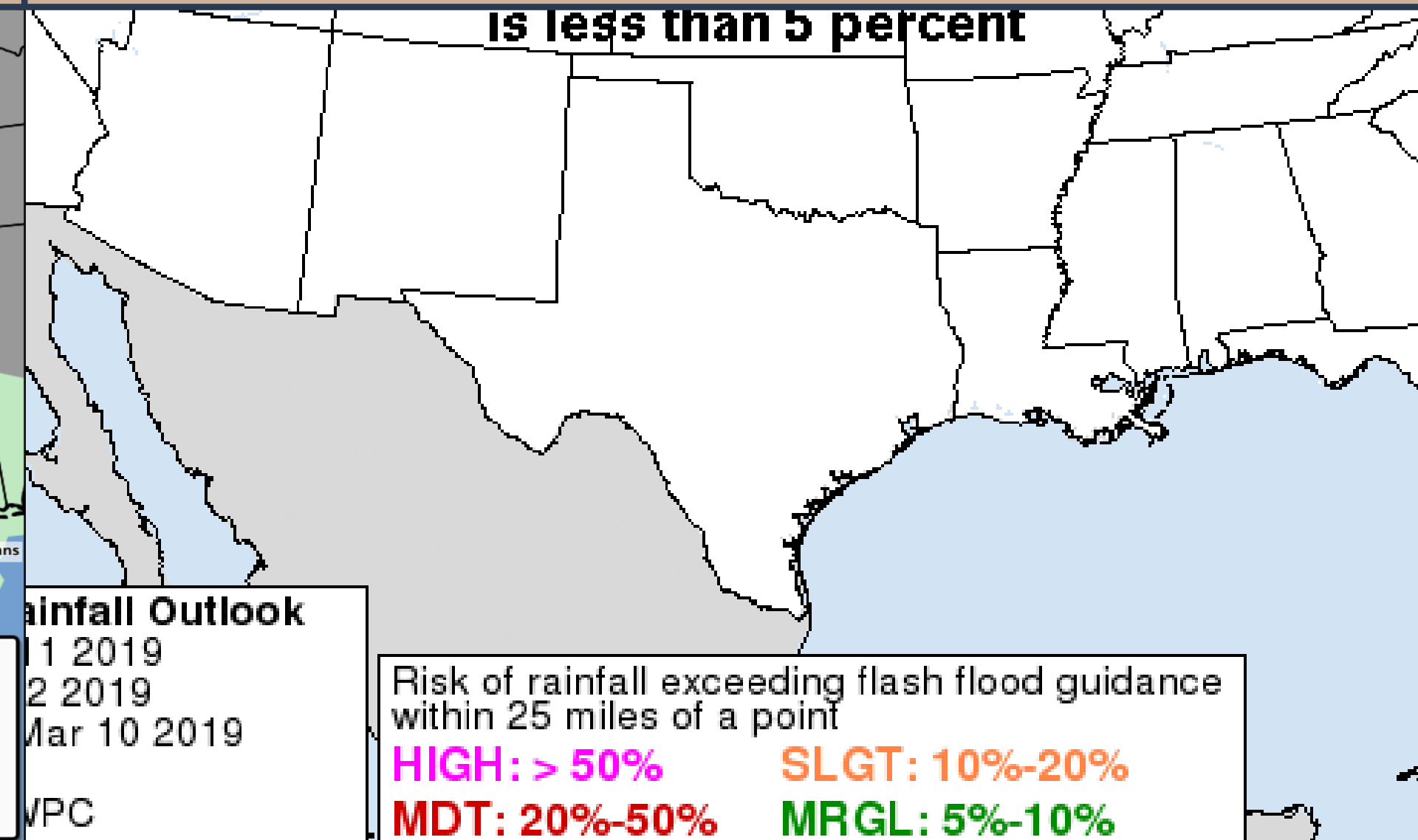
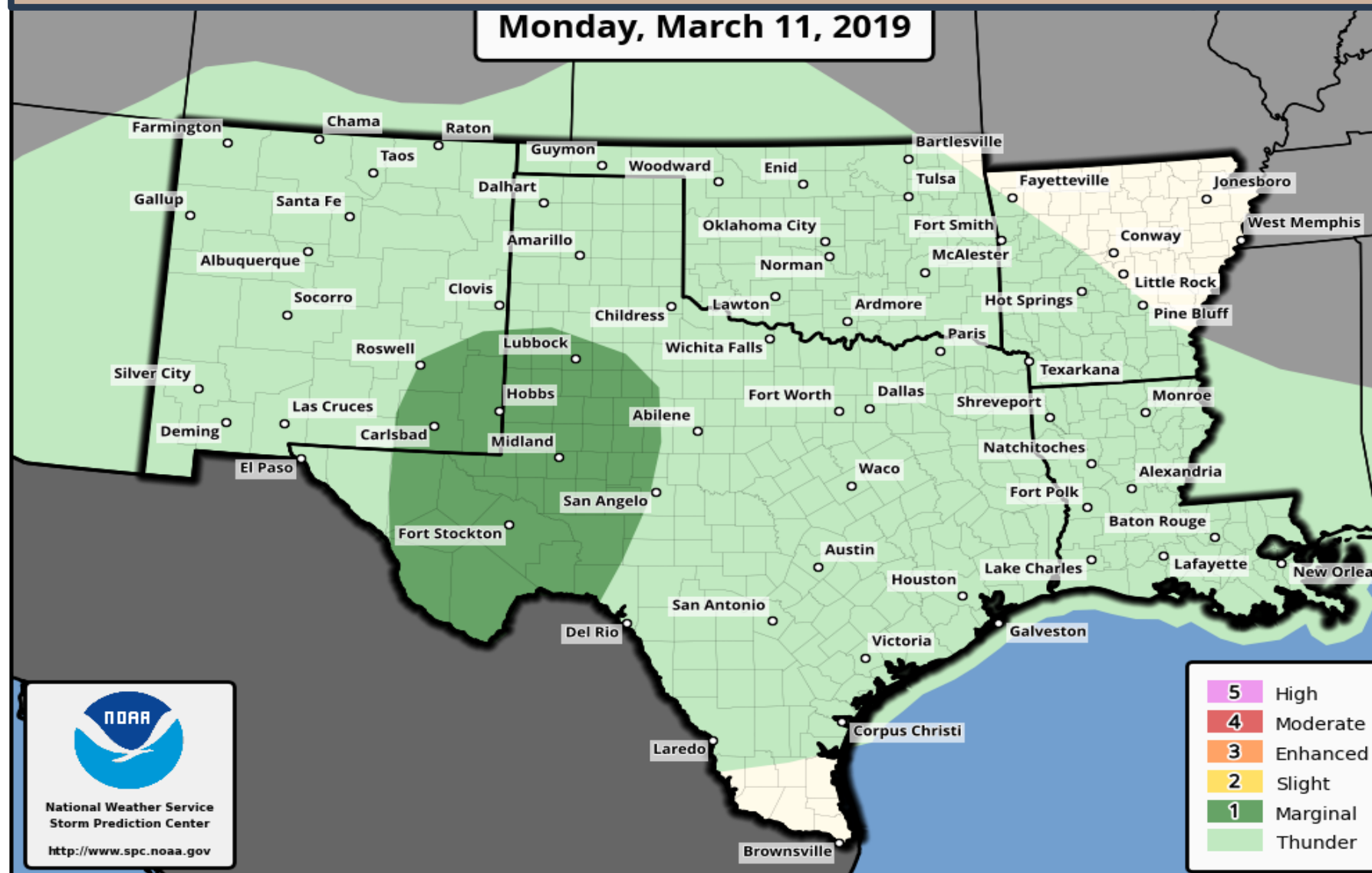
## Forecast Rainfall

**Marginal risk of severe storms SE NM and W TX Monday night. Large hail main threat**



## Severe Weather Outlook

## Excessive Rainfall Outlook



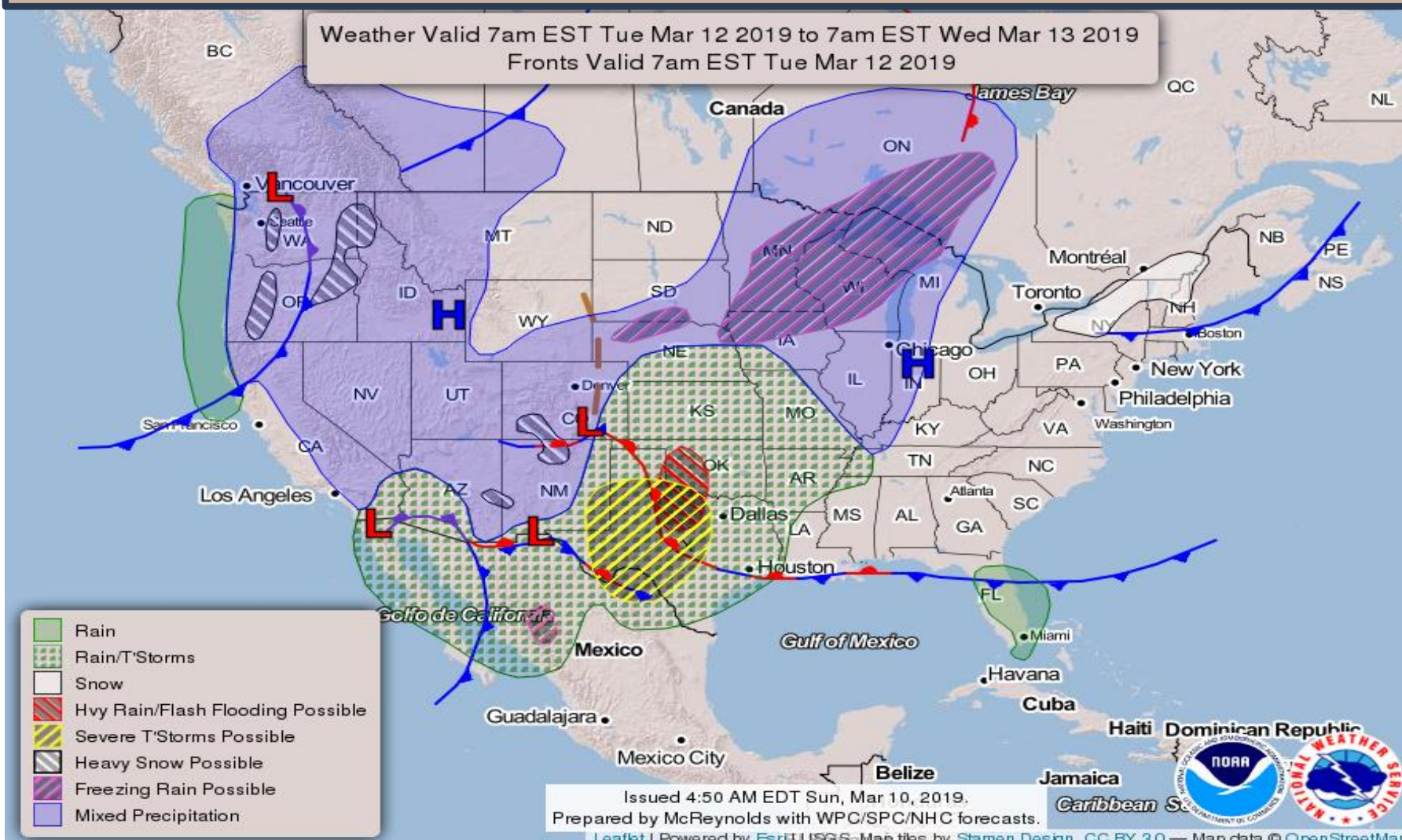


# Tuesday's Weather

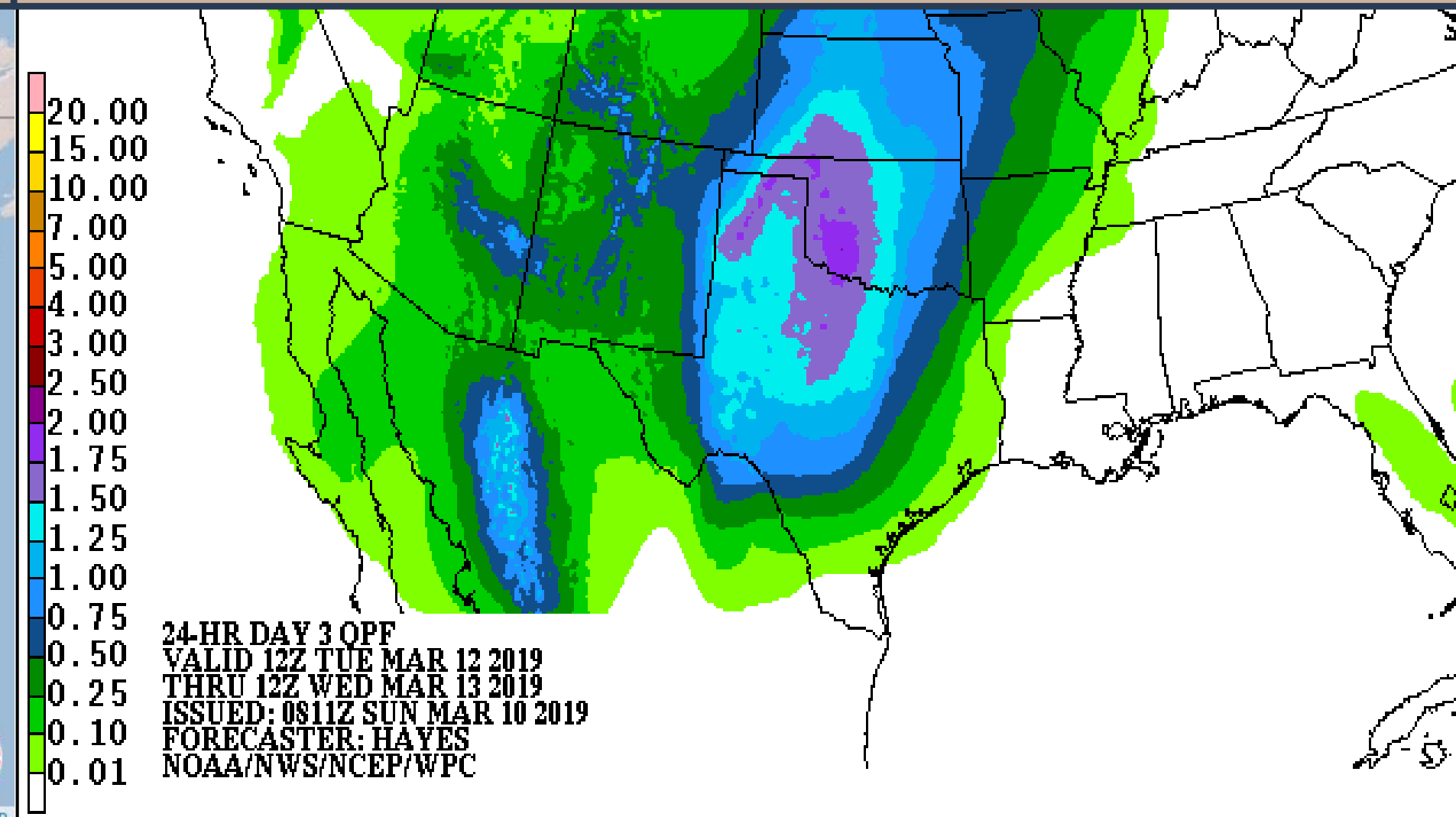


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## Forecast Chart



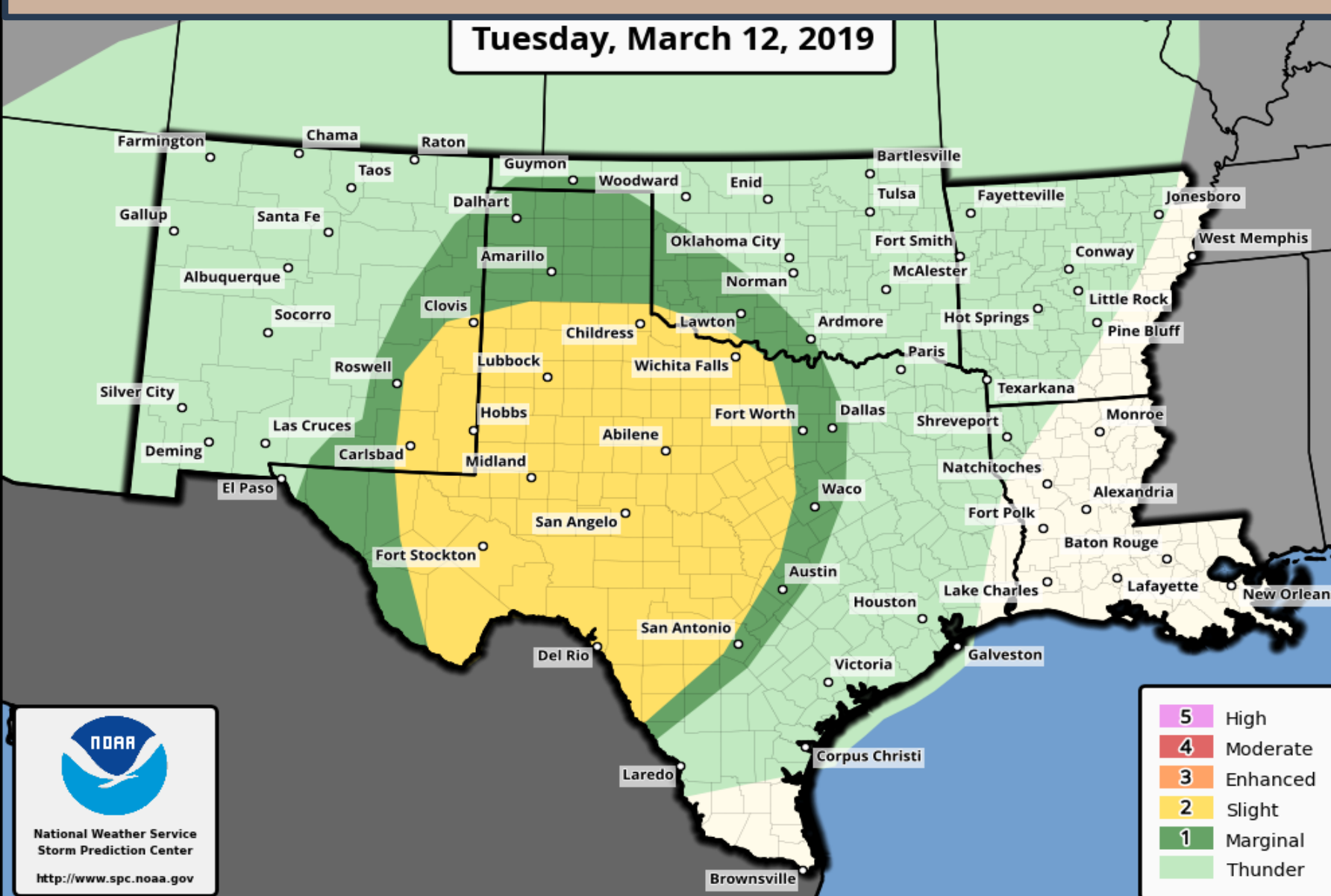
## Forecast Rainfall



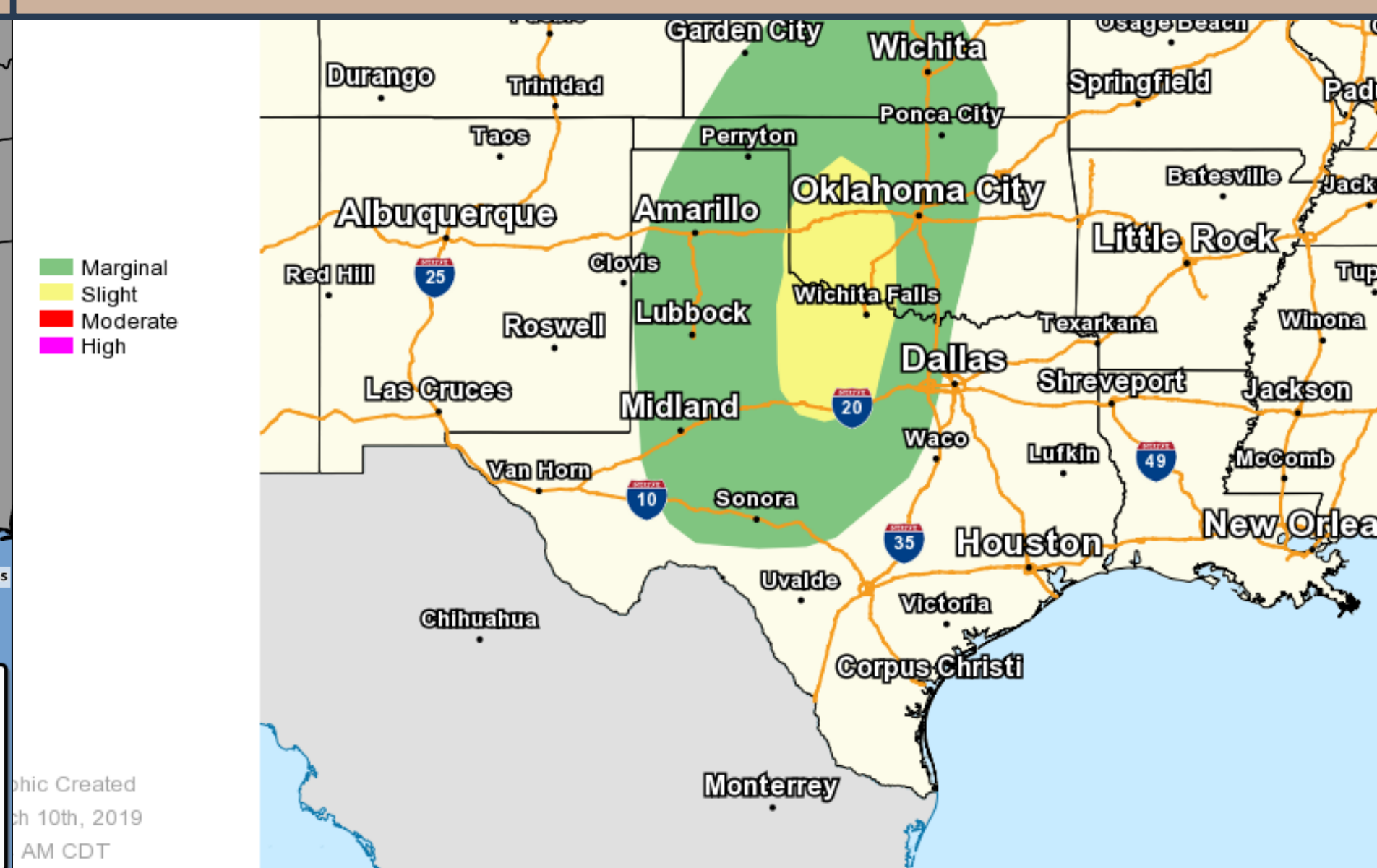
Slight risk of severe storms  
over SE NM, and west and  
central TX

Slight risk of heavy rainfall  
and flash flooding over W OK  
and western N TX

## Severe Weather Outlook



## Excessive Rainfall Outlook



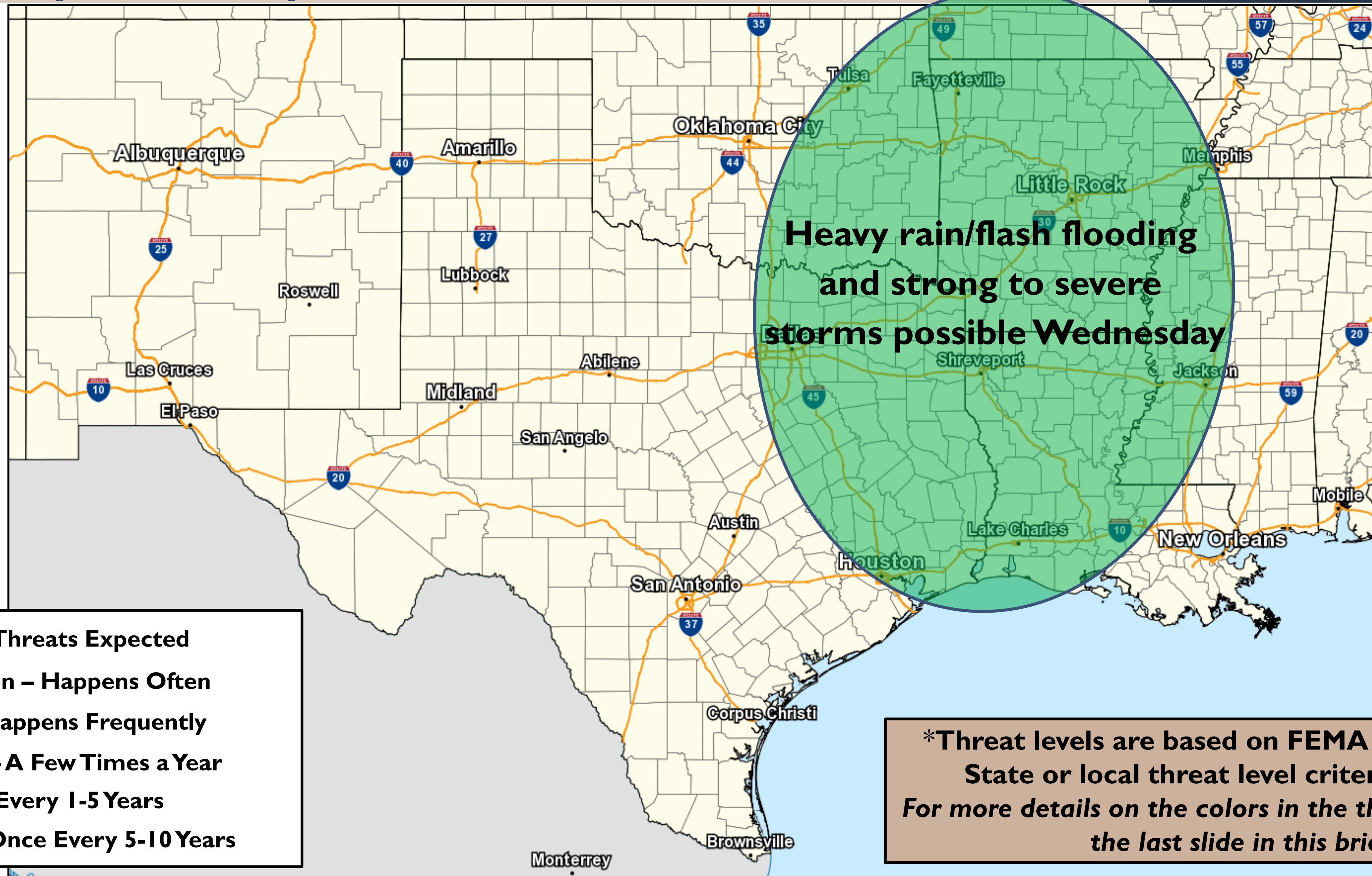


# Days 4-5 Weather Hazards

Wednesday – Thursday



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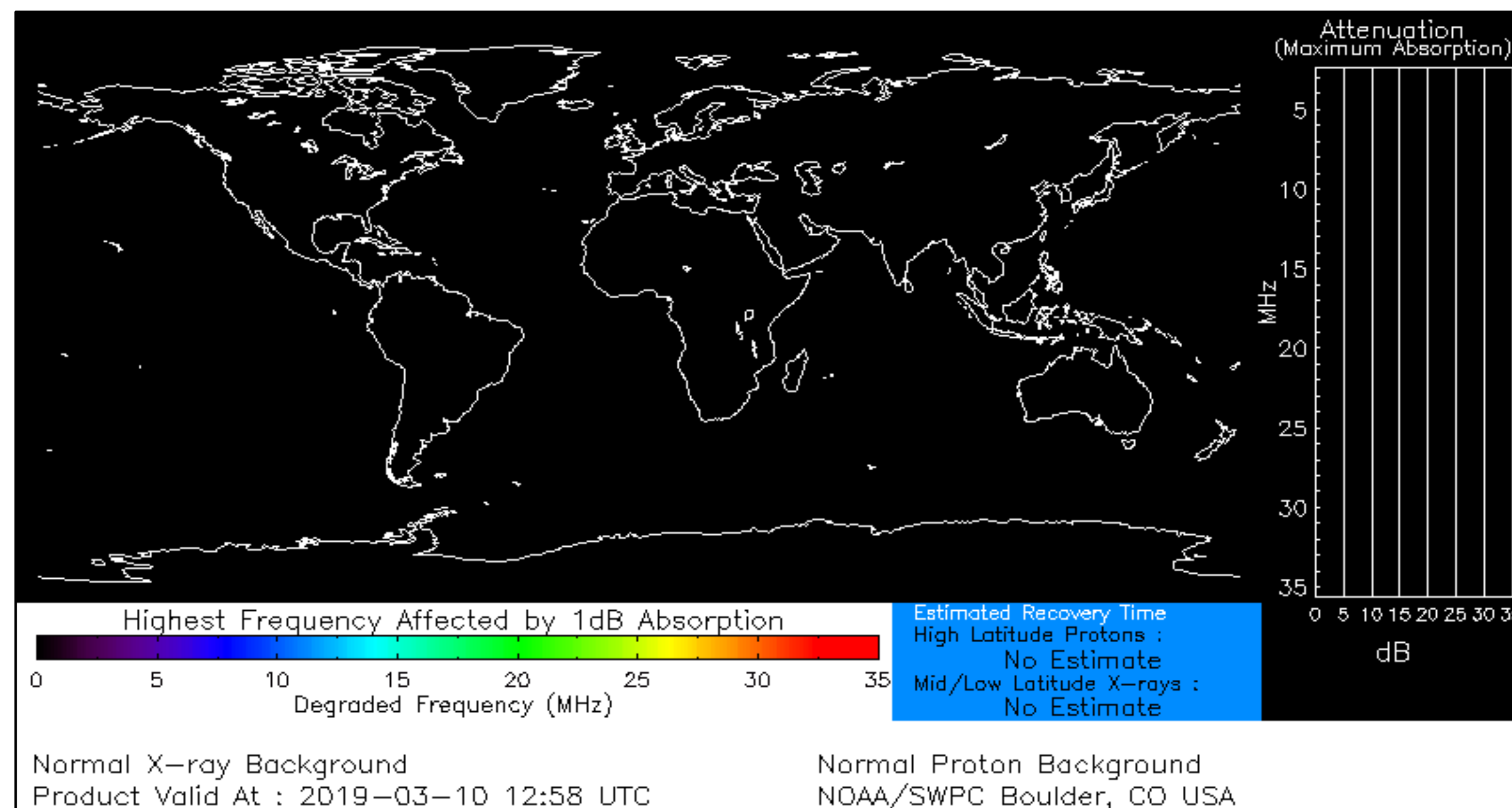


# Space Weather 3-Day Forecast



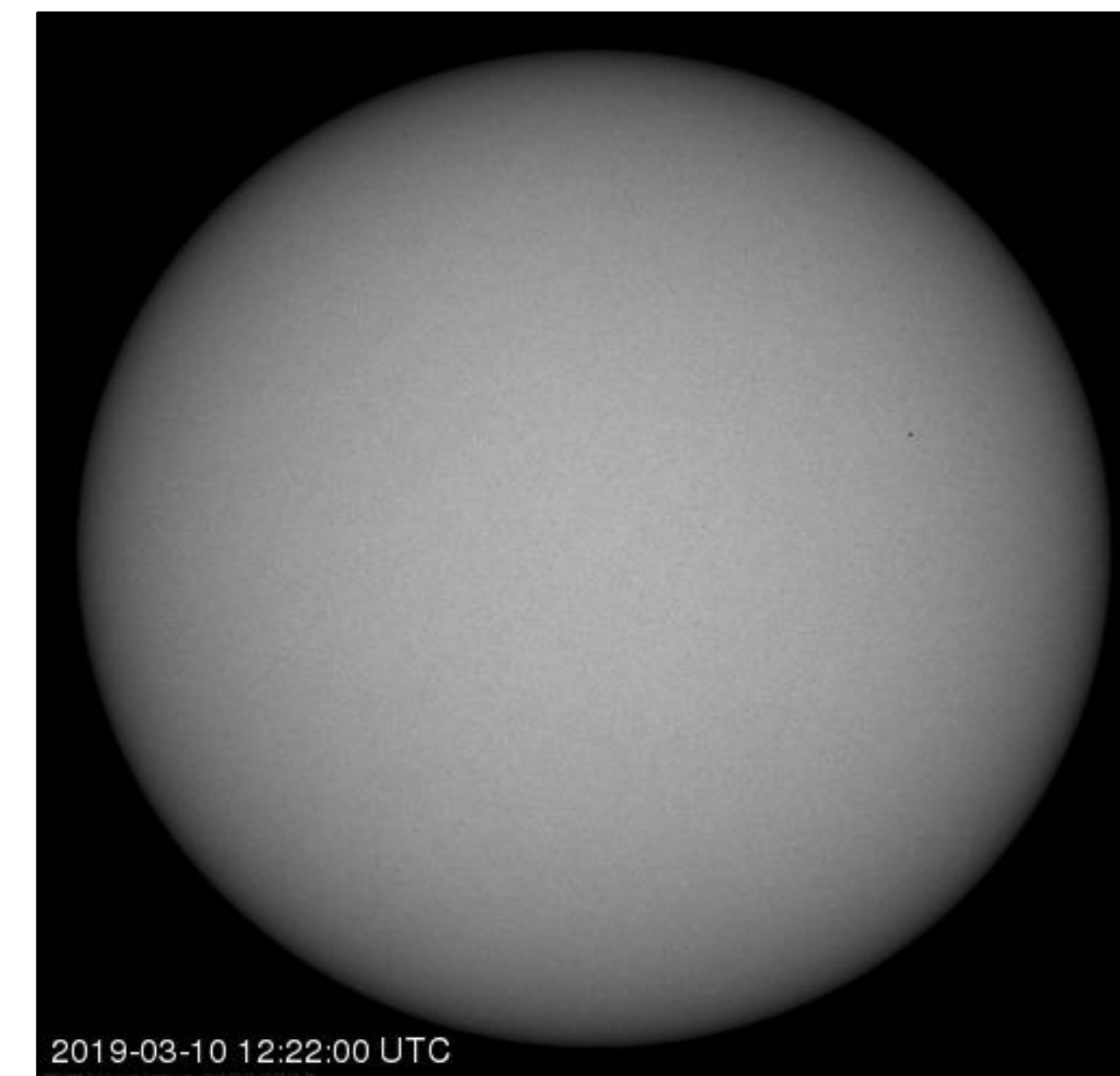
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	Sunday	Monday	Tuesday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Minor (G1) Storm (Max Kp = 5)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







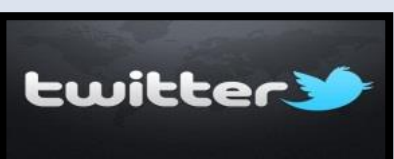
# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**